

	1977	1982	1986	1990	1992	1994	1996	1999	
-- Total --	100 (****) 290 (1.0)c	100 (****) 283 (1.2)c	100 (****) 288 (1.4)c	100 (****) 290 (1.1)c	100 (****) 294 (1.3)	100 (****) 294 (1.6)	100 (****) 296 (1.2)	100 (****) 295 (1.3)	LQ
Gender									
Male	49 (0.7) 297 (1.2)	48 (0.7) 292 (1.4)c	49 (1.2) 295 (1.9)c	49 (0.9) 296 (1.3)c	51 (1.2) 299 (1.7)	49 (1.3) 300 (2.0)	50 (1.2) 300 (1.6)	48 (1.0) 300 (1.6)	LQ
Female	51 (0.7) 282 (1.1)c	52 (0.7) 275 (1.3)c	51 (1.2) 282 (1.5)c	51 (0.9) 285 (1.6)c	49 (1.2) 289 (1.5)	50 (1.3) 289 (1.7)	50 (1.2) 292 (1.4)	52 (1.0) 291 (1.5)	LQ
Race/Ethnicity									
White	83 (1.3)c 298 (0.7)c	81 (2.0)c 293 (1.0)c	78 (0.5)c 298 (1.7)c	73 (0.5)c 301 (1.1)c	75 (0.5)c 304 (1.3)	72 (0.6) 306 (1.5)	71 (0.7) 307 (1.2)	71 (0.5) 306 (1.3)	LQ
Black	12 (1.1)c 240 (1.5)c	13 (1.4) 235 (1.7)c	14 (0.3) 253 (2.9)	16 (0.3)c 253 (4.5)	15 (0.3) 256 (3.2)	15 (0.3) 257 (3.1)	15 (0.3) 260 (2.4)	15 (0.4) 254 (2.9)	L
Hispanic	4 (0.9)c 262 (2.2)c	5 (1.1)c 249 (2.3)c	5 (0.3)c 259 (3.8)c	7 (0.4)c 261 (4.4)c	7 (0.5)c 270 (5.6)	9 (0.3) 261 (6.7)	9 (0.7) 269 (3.3)	10 (0.5) 276 (4.2)	LQ
Other	1 (0.2)c 284 (4.0)	2 (0.7) 269 (5.2)c	3 (0.4)c 277 (11.2)	4 (0.5) 292 (5.6)	3 (0.2)c 288 (4.8)	3 (0.3) 291 (8.2)	4 (0.7) 295 (8.0)	4 (0.2) 295 (6.3)	L
Grade									
Below modal grade	14 (0.6)c 253 (1.4)c	15 (1.0)c 251 (2.2)c	17 (0.9)c 259 (2.7)c	22 (1.0)c 260 (2.0)c	24 (1.1)c 263 (2.6)c	21 (1.6)c 262 (3.4)c	24 (1.2)c 271 (2.4)	23 (1.0)c 275 (2.3)	LQ
At modal grade	75 (0.6) 295 (0.9)c	75 (1.0) 289 (1.1)c	75 (1.2) 294 (1.6)c	70 (1.0)c 299 (1.0)	70 (1.0)c 304 (1.2)	73 (1.7) 302 (1.3)	71 (1.2)c 304 (1.6)	74 (1.1) 301 (1.3)	L
Above modal grade	11 (0.5)c 301 (1.5)	9 (0.7)c 293 (2.6)	8 (0.7)c 299 (4.3)	8 (0.6)c 298 (2.5)	6 (0.5)c 305 (4.1)	6 (0.6)c 303 (4.2)	6 (0.6)c 301 (4.4)	3 (0.4) 299 (7.5)	

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***** (****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Region								
Northeast	24 (1.7) 296 (2.2)	25 (3.0) 284 (2.0)c	24 (0.8) 292 (4.3)	22 (1.0) 293 (3.2)	22 (0.9) 300 (2.4)	23 (1.0) 299 (4.2)	23 (2.7) 296 (3.3)	21 (1.9) 301 (3.2) L
Southeast	18 (1.0) 276 (1.9)c	21 (2.4) 276 (2.7)c	23 (2.3) 283 (2.0)	24 (0.9) 284 (2.4)	25 (1.4) 283 (2.5)	25 (1.5) 288 (2.8)	22 (2.9) 288 (3.1)	23 (2.3) 286 (2.7) L
Central	33 (1.6)c 294 (1.5)	30 (3.9) 289 (2.6)	28 (2.2) 294 (2.3)	26 (0.9) 300 (3.0)	25 (1.0) 304 (2.7)c	26 (1.1) 298 (3.7)	25 (0.9) 307 (2.6)c	27 (0.9) 296 (2.4) L
West	24 (1.9)c 287 (1.5)c	25 (2.6) 281 (2.7)c	26 (0.9) 283 (3.8)c	28 (0.9) 286 (2.3)c	29 (0.9) 290 (3.8)	27 (1.0) 292 (4.1)	30 (2.3) 292 (2.4)	29 (1.7) 298 (2.7) LQ
Type of Location								
Central city	----- -----	----- -----	----- -----	----- -----	----- -----	30 (2.5) 286 (4.0)	37 (4.8) 288 (2.9)	28 (2.2) 287 (3.5) NA
Urban fringe/lrg town	----- -----	----- -----	----- -----	----- -----	----- -----	44 (3.8) 297 (2.2)	38 (4.7) 302 (2.1)	45 (3.4) 300 (2.3) NA
Rural/small town	----- -----	----- -----	----- -----	----- -----	----- -----	27 (4.2) 298 (2.5)	25 (4.5) 298 (3.5)	27 (3.0) 296 (1.8) NA
Parents' Education Level								
Less than H.S.	15 (0.9)c 265 (1.3)	13 (0.7)c 259 (2.4)	8 (0.4)c 258 (3.1)	8 (0.6) 261 (2.8)	8 (0.6)c 262 (3.8)	7 (0.5) 256 (4.2)	6 (0.7) 259 (4.0)	7 (0.4) 264 (3.7)
Graduated H.S.	33 (0.6)c 284 (0.8)	29 (0.9)c 275 (1.6)c	28 (1.1)c 277 (2.0)	26 (1.1)c 276 (1.4)	21 (0.9) 280 (2.4)	22 (0.8) 279 (1.7)	21 (1.1) 282 (2.5)	20 (0.9) 281 (2.0) Q
Some educ after H.S.	17 (0.4)c 296 (1.1)	22 (0.6) 290 (1.7)c	24 (1.0) 295 (2.5)	24 (0.9) 296 (1.6)	25 (0.9)c 296 (1.7)	24 (1.1) 295 (1.9)	24 (1.1) 297 (1.9)	23 (0.8) 297 (2.1)
Graduated college	30 (1.2)c 309 (1.0)	32 (1.4)c 300 (1.7)c	37 (1.2)c 304 (2.1)	39 (1.4)c 306 (1.7)	43 (1.4)c 308 (1.3)	44 (1.5) 311 (1.6)	46 (1.5) 308 (1.5)	48 (1.7) 307 (1.5) LQ
Unknown	4 (0.4)c 253 (3.2)	5 (0.8) 252 (3.9)	3 (0.3) 245 (5.5)c	3 (0.4) 248 (5.5)c	2 (0.3) 258 (7.4)	3 (0.3) 247 (6.7)c	2 (0.2) 258 (8.1)	3 (0.3) 265 (5.7) Q

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 and their standard errors.

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----- Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Type of School								
Public	94 (1.8) 288 (1.0)c	90 (2.0) 282 (1.1)c	96 (1.4)c 287 (1.6)c	93 (1.8) 289 (1.1)c	90 (2.4) 292 (1.3)	88 (2.3) 292 (1.5)	91 (1.7) 295 (1.2)	89 (2.6) 293 (1.3) LQ
Nonpublic	6 (1.8) 308 (2.4)	10 (2.0) 292 (2.9)c	4 (1.4)c 321 (10.1)	7 (1.8) 308 (6.6)	9 (2.1) 312 (3.7)	12 (2.3) 310 (4.8)	9 (1.7) 304 (5.5)	11 (2.6) 311 (4.9)
Quartiles								
Upper	25 (0.8) 334 (0.9)c	25 (0.9) 329 (1.0)c	25 (1.3) 340 (1.1)c	25 (0.9) 344 (0.7)	25 (1.1) 346 (0.7)	25 (1.2) 346 (0.9)	25 (1.2) 347 (1.7)	25 (1.0) 345 (1.2) Lq
Middle two	50 (0.5) 291 (0.5)c	50 (1.1) 286 (0.7)c	50 (1.2) 290 (0.7)c	50 (0.8) 292 (0.7)c	50 (1.0) 295 (1.0)	50 (1.3) 296 (0.7)	50 (1.0) 298 (1.0)	50 (1.1) 297 (0.8) LQ
Lower	25 (0.9) 242 (0.8)	25 (1.3) 232 (1.3)c	25 (1.6) 235 (1.3)c	25 (1.0) 234 (1.2)c	25 (1.0) 240 (1.9)	25 (1.3) 237 (1.7)c	25 (0.9) 240 (1.5)	25 (1.0) 242 (1.2) LQ
Television Watched Each Day								
0-2 hours	-----(-)- -----(-)-	-----(-)- -----(-)-	45 (1.3)c 298 (2.0)c	51 (1.2)c 301 (1.4)	53 (1.4)c 305 (1.2)	53 (1.7) 305 (1.7)	54 (1.2)c 306 (1.4)	57 (0.9) 304 (1.6) L
3-5 hours	-----(-)- -----(-)-	-----(-)- -----(-)-	47 (1.2)c 284 (1.6)	41 (1.1)c 283 (1.6)	40 (1.1)c 285 (1.8)	39 (1.3) 286 (1.8)	39 (1.1) 288 (1.5)	37 (0.9) 288 (1.6) L
6 hours or more	-----(-)- -----(-)-	-----(-)- -----(-)-	9 (0.6)c 265 (2.6)	8 (0.5)c 261 (2.8)	7 (0.5) 262 (4.3)	8 (0.7)c 264 (3.5)	7 (0.5) 260 (2.8)	6 (0.5) 264 (4.4)
Rules Concerning Television Viewing								
Have rules	-----(-)- -----(-)-	-----(-)- -----(-)-	11 (0.6) 283 (3.4)c	13 (0.7) 289 (2.7)	12 (0.7) 294 (3.3)	12 (0.6) 292 (3.9)	12 (0.6) 294 (2.8)	11 (0.7) 294 (2.9) L
Do not have rules	-----(-)- -----(-)-	-----(-)- -----(-)-	89 (0.6) 290 (1.3)c	87 (0.7) 291 (1.1)c	88 (0.7) 294 (1.3)	88 (0.6) 294 (1.5)	88 (0.6) 296 (1.2)	89 (0.7) 296 (1.3) L

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	1977	1982	1986	1990	1992	1994	1996	1999
Mother's Education								
Less than H.S.	-----	22 (0.8)c	14 (0.7)c	13 (0.7)c	13 (1.0)c	12 (0.8)	11 (0.9)	11 (0.7)
	-----	269 (1.8)	266 (2.7)	269 (2.4)	271 (3.2)	266 (2.9)	269 (2.7)	268 (3.5)
Graduated H.S.								
	-----	27 (0.9)	37 (1.1)c	34 (1.0)c	30 (1.0)c	30 (1.0)c	29 (1.1)	27 (1.1)
	-----	279 (1.3)c	286 (1.8)	285 (1.6)c	289 (1.7)	289 (1.4)	291 (2.0)	291 (1.6) L
Some educ after H.S.								
	-----	18 (0.6)c	22 (0.8)	23 (0.7)	24 (0.8)	23 (1.0)	24 (1.1)	23 (1.0)
	-----	293 (1.3)c	299 (2.1)	299 (1.7)	300 (1.5)	300 (2.0)	301 (1.6)	301 (1.9) L
Graduated college								
	-----	26 (1.4)c	22 (1.2)c	25 (1.1)c	29 (1.1)c	30 (1.5)	32 (1.4)	35 (1.5)
	-----	303 (1.8)	305 (2.5)	307 (2.1)	310 (1.5)	312 (1.9)	309 (1.9)	307 (1.5) Lq
Unknown								
	-----	8 (0.4)c	5 (0.5)	5 (0.4)	4 (0.4)	5 (0.5)	3 (0.3)	4 (0.5)
	-----	253 (3.3)c	256 (4.8)	255 (4.0)	261 (5.6)	253 (5.3)	261 (5.4)	266 (3.9) L
Father's Education								
Less than H.S.	-----	20 (0.9)c	16 (0.6)c	14 (0.9)	12 (0.7)	12 (0.6)	11 (0.9)	12 (0.5)
	-----	264 (2.0)c	271 (2.1)	274 (2.5)	273 (2.5)	270 (2.8)	276 (2.1)	273 (2.7) L
Graduated H.S.								
	-----	37 (0.8)c	28 (1.2)c	27 (1.1)c	25 (0.9)	25 (1.0)	26 (1.0)	24 (0.9)
	-----	284 (1.5)	282 (2.3)	281 (1.5)c	286 (2.1)	286 (2.0)	289 (1.7)	287 (1.7) L
Some educ after H.S.								
	-----	20 (0.7)	19 (0.9)	19 (0.9)	21 (0.8)	20 (0.9)	21 (0.8)	19 (0.7)
	-----	294 (1.7)c	299 (2.9)	301 (1.6)	300 (1.7)	301 (1.7)	302 (2.0)	301 (2.1) L
Graduated college								
	-----	19 (0.8)c	30 (1.3)c	31 (1.3)c	33 (1.3)	34 (1.7)	36 (1.4)	36 (1.5)
	-----	299 (2.0)c	307 (2.3)	309 (1.8)	311 (1.4)	314 (1.9)	310 (1.7)	310 (1.7) Lq
Unknown								
	-----	4 (0.3)c	8 (0.4)	9 (0.7)	8 (0.4)	9 (0.5)	7 (0.4)	8 (0.6)
	-----	255 (4.6)c	257 (3.5)c	257 (3.9)c	266 (3.7)	261 (4.1)c	259 (3.4)c	273 (3.0) L

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	1977	1982	1986	1990	1992	1994	1996	1999
Time Worked at Part-Time Job								
None	-----(- - -)	-----(- - -)	41 (1.7)	44 (1.2)	47 (1.2)c	48 (1.4)c	45 (1.3)	43 (1.0)
	-----(- - -)	-----(- - -)	289 (1.9)c	292 (1.8)c	295 (1.6)	296 (2.0)	298 (1.9)	298 (1.7) L
< 6 hours	-----(- - -)	-----(- - -)	7 (0.6)	6 (0.4)c	7 (0.5)	8 (0.5)	7 (0.5)	8 (0.4)
	-----(- - -)	-----(- - -)	296 (4.3)c	301 (3.6)	302 (3.6)	300 (4.6)	307 (3.5)	307 (2.8) L
6 to 10 hours	-----(- - -)	-----(- - -)	8 (0.6)	9 (0.5)	10 (0.7)	9 (0.5)	10 (0.6)	10 (0.7)
	-----(- - -)	-----(- - -)	292 (3.6)c	298 (3.5)	302 (2.7)	304 (3.0)	307 (2.8)	301 (3.0) Lq
11 to 15 hours	-----(- - -)	-----(- - -)	8 (0.6)c	9 (0.5)	11 (0.5)	10 (0.6)	10 (0.6)	10 (0.6)
	-----(- - -)	-----(- - -)	296 (3.4)	301 (2.9)	303 (3.0)	302 (2.8)	304 (2.6)	300 (2.9)
16 to 20 hours	-----(- - -)	-----(- - -)	11 (0.7)c	14 (0.6)	11 (0.5)c	12 (0.5)c	12 (0.7)	14 (0.7)
	-----(- - -)	-----(- - -)	298 (2.7)	298 (2.2)	300 (2.6)	304 (3.2)	301 (2.5)	302 (2.6)
21 to 25 hours	-----(- - -)	-----(- - -)	7 (0.5)	8 (0.5)	7 (0.6)	6 (0.4)c	8 (0.6)	8 (0.5)
	-----(- - -)	-----(- - -)	295 (3.8)	294 (2.9)	294 (2.8)	299 (2.7)	293 (3.5)	298 (3.7)
26 to 30 hours	-----(- - -)	-----(- - -)	4 (0.4)	5 (0.4)	4 (0.4)c	4 (0.4)	4 (0.4)	5 (0.5)
	-----(- - -)	-----(- - -)	290 (3.7)	285 (3.1)	294 (4.8)	290 (4.0)	293 (4.2)	287 (4.8)
> 30 hours	-----(- - -)	-----(- - -)	3 (0.3)	4 (0.3)	2 (0.3)	2 (0.3)	3 (0.4)	3 (0.4)
	-----(- - -)	-----(- - -)	284 (4.0)	282 (3.7)	289 (7.0)	280 (6.4)	280 (6.2)	291 (5.1)
Mother/Stepmother Employment								
Has a full-time job	-----(- - -)	-----(- - -)	43 (1.2)c	60 (1.2)c	60 (1.1)c	62 (1.1)c	63 (1.3)	66 (1.4)
	-----(- - -)	-----(- - -)	294 (1.7)c	294 (1.3)c	299 (1.4)	301 (1.3)	302 (1.6)	300 (1.6) L
Has a part-time job	-----(- - -)	-----(- - -)	14 (0.5)	16 (0.9)	17 (0.8)	16 (1.0)	17 (0.9)	15 (1.1)
	-----(- - -)	-----(- - -)	300 (2.3)c	306 (2.3)	306 (2.5)	306 (2.4)	307 (2.4)	308 (3.2) L
Does not have a job	-----(- - -)	-----(- - -)	22 (0.9)c	21 (0.9)c	20 (1.0)c	19 (0.8)c	17 (0.8)	15 (0.8)
	-----(- - -)	-----(- - -)	292 (2.1)c	297 (2.1)	299 (2.3)	298 (3.8)	297 (2.4)	303 (2.6) L
Mthr lives elsewhere	-----(- - -)	-----(- - -)	2 (0.2)c	3 (0.3)	3 (0.3)	3 (0.4)	3 (0.3)	3 (0.3)
	-----(- - -)	-----(- - -)	285 (8.7)	289 (4.6)	283 (5.4)	292 (4.6)	292 (8.5)	285 (4.8)

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 and their standard errors.

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	1977	1982	1986	1990	1992	1994	1996	1999
Father/Stepfather Employment								
Has a part-time job	-----(- - -)	-----(- - -)	65 (1.0)c	83 (0.9)	81 (0.8)	83 (1.0)	83 (0.8)	82 (1.0)
	-----(- - -)	-----(- - -)	297 (1.6)c	300 (1.1)	304 (1.1)	304 (1.7)	305 (1.3)	303 (1.5) Lq
Has a full-time job	-----(- - -)	-----(- - -)	2 (0.2)	2 (0.3)	3 (0.3)	2 (0.3)	2 (0.3)	3 (0.4)
	-----(- - -)	-----(- - -)	284 (6.2)	278 (6.6)	282 (6.0)	287 (5.8)	295 (5.5)	292 (6.9)
Does not have a job	-----(- - -)	-----(- - -)	5 (0.5)	5 (0.4)	5 (0.5)	6 (0.6)	5 (0.4)	5 (0.6)
	-----(- - -)	-----(- - -)	281 (4.1)	281 (4.3)	281 (4.6)	285 (4.6)	286 (5.7)	290 (4.3)
Fthr lives elsewhere	-----(- - -)	-----(- - -)	8 (0.4)c	10 (0.8)	11 (0.6)	10 (0.7)	9 (0.6)	10 (0.7)
	-----(- - -)	-----(- - -)	283 (3.1)c	284 (3.2)c	291 (4.4)	291 (3.2)	283 (3.9)c	295 (3.5) L
High School Program								
General	-----(- - -)	-----(- - -)	38 (1.4)c	37 (1.2)c	39 (1.4)	37 (1.4)c	38 (1.8)	43 (1.8)
	-----(- - -)	-----(- - -)	274 (1.6)c	273 (1.6)c	274 (1.6)c	277 (2.1)c	281 (1.4)	284 (1.7) LQ
Academic/college prep	-----(- - -)	-----(- - -)	51 (1.4)	54 (1.3)	55 (1.5)	57 (1.6)c	55 (1.7)	52 (1.8)
	-----(- - -)	-----(- - -)	304 (1.8)	307 (1.4)	312 (1.1)c	308 (1.5)	310 (1.4)	308 (1.6) Lq
Vocational/technical	-----(- - -)	-----(- - -)	10 (0.9)c	9 (0.9)c	6 (0.5)c	6 (0.8)	7 (0.8)c	5 (0.6)
	-----(- - -)	-----(- - -)	271 (2.8)	267 (3.5)	270 (3.5)	267 (4.8)	270 (3.8)	270 (4.4)
Current English Class								
None	-----(- - -)	-----(- - -)	3 (0.5)	2 (0.4)	2 (0.3)	2 (0.3)	2 (0.5)	2 (0.4)
	-----(- - -)	-----(- - -)	267 (6.5)	267 (6.7)	271 (9.4)	275 (10.0)	282 (8.3)	272 (6.3)
Advncd plcmnt/honors	-----(- - -)	-----(- - -)	14 (1.0)c	16 (0.9)c	17 (0.9)c	18 (1.3)c	23 (1.2)	23 (1.5)
	-----(- - -)	-----(- - -)	307 (2.1)	316 (2.5)	315 (2.2)	314 (2.2)	315 (2.4)	312 (2.2) q
College prep	-----(- - -)	-----(- - -)	30 (1.7)c	30 (1.6)c	29 (1.8)c	29 (1.7)c	24 (2.4)	21 (1.7)
	-----(- - -)	-----(- - -)	304 (2.6)	306 (1.6)	311 (1.4)	305 (2.1)	307 (2.5)	305 (2.8)
General	-----(- - -)	-----(- - -)	50 (1.6)	50 (1.6)	51 (1.6)	49 (1.8)	49 (2.0)	52 (1.9)
	-----(- - -)	-----(- - -)	278 (1.5)c	276 (1.4)c	281 (2.1)	283 (2.0)	283 (1.4)	286 (1.8) L
Remedial	-----(- - -)	-----(- - -)	2 (0.3)c	2 (0.2)c	2 (0.2)c	2 (0.3)c	1 (0.3)	1 (0.2)
	-----(- - -)	-----(- - -)	256 (7.4)	252 (4.7)	249 (6.2)	**** (****)	**** (****)	**** (****) NA

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(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

-----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Currently Taking Science								
Yes	-----(- - -)	-----(- - -)	64 (1.5)c	72 (1.1)c	79 (1.1)c	78 (1.5)c	81 (1.5)	82 (1.3)
	-----(- - -)	-----(- - -)	295 (1.8)	296 (1.3)	299 (1.4)	299 (1.6)	300 (1.3)	299 (1.4) L
No	-----(- - -)	-----(- - -)	36 (1.5)c	28 (1.1)c	21 (1.1)c	22 (1.5)c	19 (1.5)	18 (1.3)
	-----(- - -)	-----(- - -)	283 (1.6)	282 (1.7)	283 (2.3)	282 (2.8)	283 (2.1)	285 (2.5)
General Science Course								
Have taken	-----(- - -)	-----(- - -)	83 (1.3)c	82 (1.3)c	84 (1.0)c	83 (1.3)c	85 (1.6)	88 (1.2)
	-----(- - -)	-----(- - -)	290 (1.3)c	292 (1.1)c	296 (1.3)	296 (1.6)	297 (1.2)	298 (1.4) L
Have not taken	-----(- - -)	-----(- - -)	17 (1.3)c	18 (1.3)c	16 (1.0)c	17 (1.3)c	15 (1.6)	12 (1.2)
	-----(- - -)	-----(- - -)	294 (3.0)	294 (2.9)	295 (3.6)	298 (3.3)	301 (2.9)	295 (3.0)
Biology Course								
Have taken	-----(- - -)	-----(- - -)	88 (1.0)c	89 (0.9)c	92 (0.9)	93 (0.9)	94 (0.8)	93 (0.7)
	-----(- - -)	-----(- - -)	294 (1.5)c	296 (1.0)c	299 (1.1)	300 (1.2)	300 (1.3)	299 (1.3) L
Have not taken	-----(- - -)	-----(- - -)	12 (1.0)c	11 (0.9)c	8 (0.9)	7 (0.9)	6 (0.8)	7 (0.7)
	-----(- - -)	-----(- - -)	271 (3.1)	268 (3.8)	258 (3.2)c	255 (4.3)c	267 (4.3)	273 (3.8) Q
Chemistry Course								
Have taken	-----(- - -)	-----(- - -)	40 (1.6)c	45 (1.5)c	49 (1.7)c	53 (2.1)	56 (1.6)	57 (1.7)
	-----(- - -)	-----(- - -)	312 (2.1)	316 (1.4)c	319 (1.0)c	315 (1.7)	315 (1.9)	312 (1.4) q
Have not taken	-----(- - -)	-----(- - -)	60 (1.6)c	55 (1.5)c	51 (1.7)c	47 (2.1)	44 (1.6)	43 (1.7)
	-----(- - -)	-----(- - -)	277 (1.2)	274 (1.1)c	275 (1.5)c	277 (2.1)	277 (1.6)	279 (1.6) Q
Physics Course								
Have taken	-----(- - -)	-----(- - -)	11 (0.9)c	14 (1.5)	14 (1.1)	18 (1.2)	14 (1.1)	17 (1.5)
	-----(- - -)	-----(- - -)	296 (4.7)c	303 (3.7)c	306 (3.9)	314 (2.9)	309 (3.0)	314 (2.7) L
Have not taken	-----(- - -)	-----(- - -)	89 (0.9)c	86 (1.5)	86 (1.1)	82 (1.2)	86 (1.1)	83 (1.5)
	-----(- - -)	-----(- - -)	290 (1.4)c	291 (1.0)c	294 (1.3)	293 (1.4)	296 (1.5)	294 (1.2) L

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 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

***** (****) Sample size is insufficient to permit a reliable estimate.

----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Participation in Litter Clean-Up Project								
Many times	9 (0.9)c 284 (5.9)	13 (0.8)c 274 (4.4)c	8 (0.7)c 277 (5.3)c	8 (0.6)c 283 (5.9)	9 (0.7) 300 (4.1)	9 (0.6) 305 (5.9)	10 (1.0) 296 (4.8)	10 (0.8) 296 (4.7) L
Not often, > 2 times	27 (1.1)c 289 (2.6)c	29 (1.4)c 284 (3.2)c	16 (1.1)c 288 (3.3)c	19 (1.0)c 297 (3.6)	21 (0.8) 298 (4.6)	23 (1.2) 305 (3.0)	19 (1.2)c 297 (2.6)	23 (0.9) 303 (3.1) L
1 or 2 times	38 (1.1) 291 (2.1)	39 (1.4)c 281 (2.5)c	36 (1.5) 292 (2.4)	38 (1.2) 298 (2.3)	38 (1.1) 298 (2.1)	37 (1.1) 297 (2.3)	40 (1.3) 298 (2.2)	38 (1.1) 297 (2.3) L
Never	26 (1.1) 285 (2.3)	19 (1.7)c 273 (3.9)c	40 (1.6)c 287 (3.1)	36 (1.6)c 285 (2.5)	32 (1.1)c 287 (2.7)	32 (1.5) 281 (2.8)	30 (1.8) 283 (2.5)	29 (1.1) 286 (2.8)
Separate Trash for Recycling								
Many times	9 (0.6)c 286 (3.6)c	18 (1.3)c 277 (4.2)c	15 (1.3)c 288 (3.7)c	28 (1.3)c 301 (2.8)	43 (1.9) 304 (1.7)	45 (1.9) 304 (2.7)	43 (2.1) 302 (2.7)	41 (1.7) 306 (2.7) L
Not often, > 2 times	14 (0.9)c 289 (4.0)	21 (1.2) 281 (3.4)c	18 (0.8)c 292 (3.3)	19 (1.0)c 297 (2.9)	19 (1.2)c 299 (4.2)	21 (1.0) 295 (3.0)	22 (0.9) 296 (2.7)	23 (0.8) 293 (2.6) L
1 or 2 times	23 (1.0) 290 (3.0)	29 (1.1)c 282 (3.3)	27 (2.0)c 294 (2.1)	24 (1.0)c 291 (2.7)	20 (1.3) 287 (3.5)	18 (1.0)c 287 (3.3)	20 (1.4) 286 (3.5)	21 (1.1) 288 (2.7)
Never	54 (1.7)c 288 (2.0)c	33 (1.7)c 278 (3.7)	40 (2.0)c 284 (2.7)	29 (1.8)c 281 (3.7)	17 (1.0) 276 (3.3)	16 (1.2) 276 (4.2)	15 (1.1) 276 (3.4)	15 (1.0) 280 (3.2) l
How Much Can Science Prevent Starvation								
None	5 (0.4)c 257 (6.1)c	5 (0.6)c 271 (7.0)	9 (0.8)c 265 (4.2)c	11 (0.8) 273 (3.1)	12 (0.9) 277 (3.5)	15 (1.1) 278 (3.5)	13 (0.9) 276 (3.6)	13 (0.9) 278 (3.7) L
Some	45 (1.0)c 279 (1.9)c	55 (1.5)c 282 (2.2)c	58 (1.3)c 282 (1.8)c	60 (1.4) 288 (2.3)	60 (1.3) 292 (2.1)	62 (1.2) 293 (1.9)	63 (1.3) 292 (2.1)	61 (1.2) 293 (2.1) L
Very much	51 (1.2)c 298 (1.9)c	39 (1.3)c 289 (2.7)c	33 (1.3)c 305 (2.7)	29 (1.3) 308 (3.0)	29 (1.2) 308 (2.9)	23 (1.4) 310 (4.1)	24 (1.1) 307 (2.8)	26 (1.1) 308 (3.3) L

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 and their standard errors.

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***** (****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
How Much Can Science Prevent Energy Shortage								
None	2 (0.3) 253 (8.0)	2 (0.3) **** (****)	3 (0.5) 247 (5.7)	3 (0.4) **** (****)	2 (0.4) **** (****)	3 (0.4) **** (****)	2 (0.4) **** (****)	3 (0.4) **** (****) NA
Some	27 (1.0)c 273 (2.5)	33 (1.2)c 278 (2.4)	26 (1.3)c 272 (3.2)	23 (1.3)c 273 (2.7)	21 (0.8) 270 (2.7)	22 (1.2) 274 (3.3)	23 (1.3)c 270 (2.9)	19 (1.0) 277 (3.2)
Very much	70 (1.0)c 295 (1.7)c	65 (1.2)c 288 (2.1)c	71 (1.3)c 296 (1.9)	74 (1.5)c 301 (2.0)	77 (0.9) 303 (1.7)	75 (1.4) 303 (2.1)	74 (1.2)c 303 (1.7)	78 (1.0) 302 (2.1) L
How Much Can Science Find Cures for Diseases								
None	1 (0.2) **** (****)	1 (0.3) **** (****)	2 (0.4) **** (****)	2 (0.4) **** (****)	1 (0.3) **** (****)	2 (0.4) **** (****)	2 (0.4) **** (****)	1 (0.3) **** (****) NA
Some	14 (0.8) 263 (2.7)	15 (0.8)c 271 (4.3)	16 (1.1)c 265 (4.2)	14 (0.8) 268 (3.7)	12 (0.9) 263 (4.5)	13 (1.1) 263 (3.9)	12 (1.0) 270 (5.5)	12 (0.8) 271 (4.2)
Very much	85 (0.8) 292 (1.6)c	84 (0.8)c 287 (2.0)c	83 (1.1)c 294 (2.0)c	84 (0.9) 298 (2.0)	87 (0.9) 300 (1.6)	85 (1.3) 301 (2.0)	87 (0.9) 298 (1.7)	86 (0.9) 300 (1.8) L
How Much Can Science Control Weather								
None	40 (1.3)c 277 (2.0)c	46 (1.5) 281 (2.3)c	48 (1.2) 284 (2.3)c	50 (1.6) 292 (2.4)	45 (1.3) 294 (2.1)	48 (1.7) 296 (2.5)	49 (1.7) 293 (2.6)	47 (1.7) 296 (2.2) L
Some	44 (1.2)c 294 (1.9)	43 (1.3)c 287 (2.7)	34 (1.2)c 290 (2.9)	34 (1.1)c 292 (3.0)	35 (1.2)c 292 (2.2)	34 (1.5)c 291 (3.2)	33 (1.2)c 292 (2.2)	29 (1.4) 294 (2.7)
Very much	16 (0.8)c 296 (2.7)	10 (0.7)c 284 (5.1)c	19 (0.8)c 295 (3.1)	16 (1.0)c 294 (3.5)	20 (0.7)c 300 (3.0)	18 (1.1)c 298 (3.1)	18 (1.6)c 297 (3.2)	23 (1.2) 296 (2.7)
How Much Can Science Prevent Wars								
None	50 (1.3) 284 (2.4)	49 (1.4) 283 (3.0)	47 (1.2)c 282 (1.9)c	53 (1.0) 288 (2.5)	50 (1.6) 290 (2.2)	54 (1.4) 289 (2.4)	54 (1.3) 288 (1.8)	53 (1.4) 291 (2.3) L
Some	41 (1.2) 293 (1.8)c	40 (1.4) 285 (2.6)c	39 (1.6) 297 (3.2)	38 (1.1) 300 (2.5)	40 (1.5) 302 (2.8)	38 (1.4) 304 (2.6)	38 (1.1) 304 (2.5)	40 (1.3) 301 (2.4) L
Very much	9 (0.7)c 281 (3.3)c	10 (1.0)c 285 (4.9)	14 (0.9)c 284 (3.4)	9 (0.7)c 285 (5.0)	11 (0.8)c 289 (5.9)	8 (0.9) 290 (6.8)	8 (0.6) 282 (4.5)c	7 (0.6) 298 (5.7) L

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	1977	1982	1986	1990	1992	1994	1996	1999
How Much Can Science Prevent Birth Defects								
None	9 (0.7)c 261 (3.9)	7 (0.7) 268 (6.2)	8 (0.7)c 251 (4.2)	8 (0.8)c 260 (4.3)	6 (0.6) 254 (4.4)	7 (0.7) 249 (6.4)	5 (0.5) 263 (5.7)	6 (0.7) 263 (6.9)
Some	47 (1.1)c 284 (2.0)	53 (1.4)c 284 (2.3)	41 (1.3) 281 (2.5)	40 (1.3) 284 (2.9)	41 (0.9) 287 (2.1)	38 (1.5) 287 (2.9)	42 (1.4) 286 (2.6)	39 (1.3) 287 (2.1)
Very much	44 (1.2)c 297 (1.9)c	40 (1.3)c 287 (3.0)c	51 (1.3) 300 (2.4)	52 (1.5) 305 (1.8)	52 (0.9) 306 (2.0)	55 (1.7) 306 (2.0)	53 (1.3) 302 (1.7)	55 (1.6) 305 (1.9) L
How Much Can Science Save Natural Resources								
None	5 (0.4)c 284 (5.5)	5 (0.6) 281 (6.1)	4 (0.5) 278 (7.2)	3 (0.4) 262 (6.7)	4 (0.5) 273 (7.4)	5 (0.6) 273 (7.9)	4 (0.6) 272 (9.5)	4 (0.5) 282 (7.2)
Some	46 (1.1)c 282 (1.9)c	53 (1.3)c 283 (2.2)	42 (1.3) 284 (2.3)	35 (1.0) 288 (2.9)	33 (1.1)c 287 (2.5)	36 (1.1) 291 (2.9)	37 (1.3) 289 (2.7)	37 (1.9) 289 (2.9) L
Very much	48 (1.2)c 293 (2.0)c	43 (1.1)c 286 (2.9)c	55 (1.4) 293 (2.3)c	61 (1.1) 297 (2.2)	64 (1.3)c 301 (1.7)	59 (1.3) 298 (2.3)	59 (1.3) 298 (1.9)	59 (1.8) 300 (2.0) L
How Much Can Science Reduce Pollution								
None	5 (0.5) 250 (5.8)	5 (0.6) 272 (5.8)	5 (0.7) 254 (4.9)	5 (0.5) 262 (6.0)	5 (0.6) 255 (4.1)	4 (0.5) 257 (6.5)	4 (0.6) 260 (8.2)	4 (0.5) 256 (5.8)
Some	41 (1.0)c 282 (1.7)	48 (1.5)c 279 (2.5)c	38 (1.4) 282 (2.4)	36 (1.1) 285 (2.9)	32 (1.4) 284 (2.3)	33 (1.1) 285 (2.6)	35 (1.2) 286 (2.8)	34 (1.8) 287 (2.8) L
Very much	54 (1.2)c 296 (1.8)c	47 (1.3)c 290 (2.3)c	57 (1.4)c 295 (2.5)c	59 (1.2) 300 (2.2)	64 (1.3) 303 (1.9)	63 (1.3) 302 (2.5)	60 (1.2) 300 (1.8)	62 (1.8) 303 (2.0) L
How Much Can Science Reduce Overpopulation								
None	27 (1.2)c 271 (3.1)c	36 (1.5)c 279 (2.9)c	40 (1.3) 279 (2.2)c	44 (1.5) 283 (2.6)c	42 (1.2) 286 (2.5)	42 (1.6) 288 (2.6)	42 (1.5) 287 (2.0)	43 (1.7) 291 (2.2) L
Some	51 (1.3)c 293 (1.9)	48 (1.1)c 287 (1.8)c	45 (1.2) 292 (1.9)c	44 (1.4) 300 (2.3)	44 (1.0) 299 (1.9)	45 (1.4) 299 (2.3)	44 (1.6) 298 (2.6)	42 (1.3) 298 (2.6) L
Very much	22 (0.8)c 296 (2.0)	16 (1.1) 288 (3.5)	16 (0.6) 300 (4.6)	13 (0.8) 298 (4.0)	14 (1.0) 306 (3.0)	13 (0.9) 301 (4.8)	14 (0.8) 301 (4.5)	15 (1.2) 298 (3.7) L

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	1977	1982	1986	1990	1992	1994	1996	1999
Science Helps One Understand Their Body								
Strongly agree	39 (1.5)c 292 (2.6)c	19 (1.1)c 287 (3.9)c	35 (1.2)c 299 (3.0)	36 (1.3)c 307 (2.4)	39 (1.2)c 308 (2.3)	43 (1.7) 308 (2.8)	41 (1.9) 307 (2.3)	44 (1.3) 306 (2.5) L
Agree	49 (1.4) 289 (2.1)	57 (1.3)c 286 (2.7)	51 (1.2)c 286 (1.7)	51 (1.1)c 290 (2.3)	49 (1.3) 291 (1.9)	48 (1.8) 290 (2.4)	52 (1.8)c 288 (2.0)	47 (1.1) 291 (2.1)
No opinion	9 (0.7)c 282 (4.1)c	17 (1.6)c 276 (4.3)	10 (0.8)c 274 (4.7)	10 (0.9)c 266 (4.0)	8 (0.8)c 270 (4.1)	7 (0.7) 263 (4.6)	6 (0.7) 263 (5.4)	6 (0.6) 266 (3.8) 1
Disagree	3 (0.4) 275 (6.6)	6 (0.6)c 279 (7.1)	3 (0.5)c 257 (7.1)	3 (0.5)c **** (****)	3 (0.4)c **** (****)	2 (0.4) **** (****)	1 (0.2) **** (****)	2 (0.4) **** (****) NA
Strongly disagree	1 (0.2) **** (****)	1 (0.2) **** (****)	1 (0.3) **** (****)	1 (0.2) **** (****)	0 (0.1) **** (****)	0 (0.2) **** (****)	0 (0.2) **** (****)	1 (0.3) **** (****) NA
Science Not Useful Outside of Class								
Strongly agree	3 (0.4) 284 (7.3)	4 (0.5) 278 (6.4)	5 (0.7) 279 (5.5)	5 (0.6) 272 (4.3)	4 (0.4) 276 (6.2)	4 (0.6) 270 (9.3)	4 (0.6) 269 (7.7)	4 (0.7) 277 (6.8)
Agree	14 (0.7) 283 (2.8)	19 (1.4)c 282 (3.7)	14 (0.9) 278 (3.4)	15 (0.8) 283 (3.5)	12 (0.6) 276 (3.1)	11 (0.9) 282 (3.3)	13 (1.0) 276 (3.5)	12 (1.3) 281 (4.0)
No opinion	16 (0.7) 283 (3.6)	13 (0.8) 279 (4.9)	15 (1.1) 274 (4.8)	13 (0.9) 276 (4.1)	13 (0.7) 282 (3.5)	15 (1.2) 276 (5.1)	13 (0.8) 282 (3.4)	15 (1.0) 283 (3.7)
Disagree	45 (1.1) 290 (2.1)c	50 (1.5) 285 (3.3)c	50 (1.5) 292 (1.8)	49 (1.3) 296 (2.4)	50 (1.1) 297 (2.0)	49 (1.6) 299 (2.4)	50 (1.3) 296 (2.2)	48 (1.5) 297 (2.2) L
Strongly disagree	22 (1.0) 297 (3.3)c	15 (1.1)c 287 (3.4)c	16 (0.8)c 302 (3.5)c	18 (0.8) 307 (3.7)	21 (1.0) 313 (2.2)	21 (1.1) 310 (4.0)	20 (1.2) 312 (3.4)	20 (1.0) 312 (2.7) L

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 and their standard errors.

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****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Science Good Only in Laboratory								
Strongly agree	3 (.0.4) 268 (8.1)	2 (.0.4) **** (***)	3 (.0.4) **** (***)	2 (.0.3) **** (***)	2 (.0.4) **** (***)	2 (.0.4) **** (***)	4 (.0.5) **** (***)	3 (.0.5) **** (***) NA
Agree	8 (.0.5) 275 (5.0)	12 (.1.0)c 276 (4.1)	9 (.1.0) 271 (6.1)	9 (.0.8) 276 (4.5)	9 (.0.7) 271 (5.5)	8 (.0.7) 266 (4.9)	8 (.0.6) 275 (4.9)	9 (.1.0) 275 (4.7)
No opinion	15 (.0.8) 287 (3.8)	16 (.0.8) 284 (2.7)	16 (.1.0) 280 (4.2)	15 (.0.7) 276 (3.0)	12 (.0.9)c 278 (3.8)	14 (.1.2) 280 (4.2)	16 (.1.1) 284 (3.0)	16 (.1.2) 283 (3.6) Q
Disagree	52 (.1.0) 290 (2.1)c	53 (.1.1) 285 (3.4)c	52 (.1.5) 291 (1.6)c	52 (.1.2) 297 (2.1)	52 (.1.3) 297 (1.9)	52 (.1.2) 296 (2.5)	50 (.1.3) 297 (1.9)	50 (.1.4) 297 (2.0) L
Strongly disagree	22 (.0.8) 295 (2.8)c	17 (.1.0)c 287 (3.9)c	20 (.1.1) 298 (2.9)c	21 (.1.2) 305 (3.2)	24 (.1.2) 311 (2.9)	24 (.1.1) 312 (3.0)	21 (.1.3) 308 (3.1)	22 (.1.5) 311 (2.4) L
Can Students Help Solve Pollution								
Definitely yes	38 (.1.2) 298 (1.9)	18 (.0.9)c 290 (3.6)c	22 (.1.4)c 293 (3.1)	35 (.1.3) 304 (2.1)	41 (.1.3)c 303 (1.9)	38 (.1.2) 302 (2.7)	35 (.1.6) 297 (2.5)	37 (.1.5) 300 (2.4) L
Probably yes	38 (.0.9) 287 (2.2)c	39 (.1.3) 282 (2.5)c	41 (.1.7) 290 (2.4)	42 (.1.4) 293 (2.5)	40 (.1.2) 293 (2.4)	41 (.1.2) 294 (2.4)	43 (.1.5) 297 (2.0)	41 (.1.5) 297 (2.3) L
Not sure	11 (.0.8)c 271 (3.0)	21 (.0.9)c 273 (3.6)	13 (.1.0)c 273 (3.1)	10 (.0.7) 260 (6.2)	9 (.0.5) 270 (3.9)	9 (.0.8) 273 (5.3)	9 (.0.8) 275 (4.7)	8 (.1.0) 277 (5.9)
Probably not	10 (.0.7) 281 (4.5)c	18 (.0.7)c 275 (3.2)c	20 (.1.3)c 292 (3.5)	11 (.0.8) 286 (4.0)	8 (.0.7)c 295 (4.9)	10 (.0.9) 293 (4.7)	11 (.0.9) 289 (3.9)	12 (.0.7) 294 (4.1) L
Difinitely not	2 (.0.3) **** (***)	3 (.0.3) 259 (7.6)	4 (.0.6) 270 (8.7)	3 (.0.4) **** (***)	2 (.0.3) **** (***)	2 (.0.3) **** (***)	2 (.0.4) **** (***)	3 (.0.5) **** (***) NA

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/1 indicates a significant positive (L) or negative (1) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Students Help Solve Energy Waste								
Definitely yes	34 (1.2)c 297 (2.3)c	19 (1.0)c 291 (2.9)c	21 (1.5)c 299 (3.1)	31 (1.4) 310 (2.1)	34 (1.3)c 309 (2.0)	32 (1.5) 310 (3.0)	29 (1.4) 303 (2.9)	28 (1.4) 305 (2.8) L
Probably yes	36 (1.1) 288 (2.0)c	39 (1.4) 281 (2.4)c	41 (1.1) 289 (1.9)	36 (1.1) 292 (2.7)	38 (1.2) 296 (2.0)	38 (1.4) 294 (2.7)	39 (1.4) 296 (2.7)	39 (1.3) 295 (2.1) L
Not sure	16 (1.0) 277 (2.6)	19 (0.9)c 273 (3.2)c	15 (0.8) 271 (3.3)c	16 (0.9) 271 (4.2)c	15 (0.8) 274 (3.3)	16 (1.0) 273 (3.6)	15 (0.8) 277 (2.8)	16 (0.9) 283 (3.3) Q
Probably not	11 (0.8) 285 (3.6)	18 (0.7)c 275 (3.3)c	20 (1.5)c 291 (3.9)	13 (0.7) 285 (3.3)	11 (0.8) 283 (4.9)	12 (0.8) 287 (3.2)	14 (0.7) 291 (3.6)	14 (1.0) 295 (3.6) L
Definitely not	2 (0.3) 278 (8.1)	4 (0.4) 260 (7.8)	4 (0.6) 272 (6.8)	4 (0.6) 261 (6.5)c **** (****)	2 (0.3)c **** (****)	2 (0.4) **** (****)	3 (0.4) **** (****)	4 (0.5) 281 (6.9)
Students Help Solve Food Shortages								
Definitely yes	19 (0.8)c 290 (2.3)	12 (1.1) 280 (5.7)c	12 (0.9) 284 (4.0)	17 (1.1)c 295 (3.2)	14 (1.1) 292 (3.5)	13 (1.0) 298 (5.1)	13 (1.2) 290 (3.9)	12 (0.8) 295 (4.1) L
Probably yes	36 (1.1) 289 (2.6)	33 (1.1) 278 (2.2)c	33 (0.9) 288 (1.9)c	34 (1.1) 293 (2.5)	33 (1.4) 294 (2.4)	33 (1.3) 293 (2.7)	30 (1.3)c 291 (2.7)	35 (1.6) 295 (2.3) L
Not sure	22 (0.9)c 285 (2.4)	25 (1.2)c 278 (2.7)	18 (1.3) 279 (2.9)	21 (0.8)c 283 (3.3)	22 (1.0)c 287 (2.7)	20 (1.1)c 283 (3.5)	21 (0.9)c 290 (2.7)	16 (1.1) 285 (2.4) L
Probably not	19 (1.0)c 292 (3.0)c	24 (0.8)c 283 (2.9)c	29 (1.5) 297 (2.6)	24 (0.8)c 299 (2.4)	28 (1.3)c 307 (2.5)	29 (1.0) 304 (2.3)	31 (1.6) 301 (2.7)	32 (1.2) 302 (2.8) L
Definitely not	4 (0.5)c 278 (8.2)	5 (0.7) 276 (6.6)	7 (0.8) 285 (7.4)	4 (0.5) 281 (7.0)	4 (0.4) 281 (6.9)	5 (0.7) 293 (5.6)	6 (0.6) 287 (8.0)	6 (0.6) 292 (6.5)

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 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Students Help Solve Overpopulation								
Definitely yes	27 (1.5)c 298 (1.9)	12 (0.8)c 288 (4.7)c	10 (0.8)c 298 (4.8)	11 (0.8)c 298 (3.2)	9 (0.8)c 303 (4.3)	8 (0.6)c 304 (2.9)	8 (0.8)c 295 (5.4)	6 (0.6) 303 (5.1)
Probably yes	27 (1.1)c 292 (2.0)c	22 (1.2)c 284 (3.7)c	19 (1.0)c 289 (2.9)c	18 (0.9)c 298 (2.7)	17 (1.0) 298 (3.3)	15 (0.9) 297 (4.5)	14 (0.8) 296 (2.8)	14 (1.0) 299 (2.9) L
Not sure	16 (1.0) 279 (3.4)	19 (1.2)c 274 (4.0)	14 (1.0) 276 (3.6)	16 (1.0) 282 (4.0)	17 (1.0) 286 (3.6)	16 (1.0) 279 (4.2)	14 (0.9) 283 (4.3)	14 (1.3) 279 (3.1)
Probably not	18 (1.1)c 287 (3.3)c	30 (1.4)c 281 (3.1)c	35 (1.5)c 292 (2.7)c	35 (1.0)c 297 (2.5)	37 (1.3) 299 (2.5)	39 (1.2) 300 (2.5)	40 (1.4) 300 (2.2)	41 (1.5) 300 (2.2) L
Definitely not	11 (0.7)c 276 (3.9)c	17 (1.0)c 270 (4.6)c	22 (1.2) 285 (3.3)	20 (1.0)c 284 (3.5)	21 (1.0)c 290 (3.3)	23 (0.9) 291 (2.9)	24 (1.0) 288 (3.2)	25 (1.5) 293 (3.4) L
Students Help Save Natural Resources								
Definitely yes	11 (0.6) 302 (3.4)	7 (0.7)c 295 (6.7)	9 (0.9) 300 (4.9)	17 (1.1)c 310 (3.6)	17 (1.1)c 312 (2.8)	13 (1.0)c 313 (4.0)	13 (1.2)c 305 (3.8)	10 (0.9) 307 (4.1) L
Probably yes	29 (0.9) 292 (2.1)c	23 (1.0) 285 (3.0)c	25 (1.2) 298 (2.5)	29 (1.0) 300 (2.2)	31 (1.5) 307 (2.3)	30 (1.6) 301 (2.9)	28 (1.5) 302 (1.8)	27 (1.6) 303 (2.6) L
Not sure	25 (0.9)c 279 (3.1)	26 (1.3)c 274 (2.8)c	21 (1.3) 273 (2.8)c	19 (1.0) 274 (3.9)	21 (1.2) 275 (3.4)	19 (1.2) 277 (3.7)	20 (1.1) 281 (3.0)	19 (1.1) 282 (2.7) Q
Probably not	24 (0.6)c 289 (2.8)	30 (1.6) 279 (2.8)c	31 (1.1) 290 (2.8)	25 (1.0)c 292 (2.9)	22 (1.1)c 292 (2.5)	28 (1.2) 296 (2.8)	28 (1.3) 294 (2.0)	31 (1.3) 295 (2.8) L
Definitely not	10 (0.6)c 283 (3.6)	15 (1.2) 274 (4.6)c	14 (0.8) 283 (3.5)	10 (0.7)c 272 (3.9)c	9 (0.6)c 275 (4.4)c	10 (0.8)c 281 (4.0)	11 (0.9)c 282 (5.3)	14 (0.9) 290 (3.3) Q

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 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

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*****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Students Help Solve Accidents								
Definitely yes	25 (0.7)c 295 (2.4)	17 (1.0) 283 (3.7)c	18 (1.1) 286 (3.6)c	21 (1.2)c 293 (3.9)	19 (0.7) 298 (3.6)	19 (1.2) 297 (3.6)	18 (1.1) 291 (3.7)	17 (1.2) 299 (3.4) L
Probably yes	34 (0.9)c 288 (2.3)c	39 (1.2)c 278 (2.5)c	34 (1.4)c 286 (2.2)c	31 (1.1)c 294 (2.5)	29 (1.0) 294 (2.6)	31 (1.3)c 289 (3.2)c	30 (0.9)c 296 (2.8)	26 (1.4) 299 (2.6) LQ
Not sure	14 (0.6) 278 (3.3)	17 (0.9)c 276 (4.1)	11 (0.9) 280 (4.4)	12 (0.8) 279 (3.6)	13 (0.7) 287 (2.6)	10 (0.8)c 288 (4.7)	13 (1.0) 286 (3.7)	13 (1.0) 281 (3.9) L
Probably not	16 (0.6)c 291 (3.4)c	17 (1.0)c 285 (3.0)c	21 (1.0)c 298 (2.9)	19 (1.0)c 297 (3.5)	22 (1.1) 299 (2.5)	21 (1.2) 301 (2.9)	21 (1.0)c 296 (3.7)	24 (1.1) 299 (2.3) L
Definitely yes	12 (0.8)c 285 (4.7)	10 (0.4)c 274 (5.0)c	15 (1.3)c 289 (4.5)	17 (1.0) 292 (3.4)	17 (1.1) 295 (3.9)	18 (1.0) 298 (3.8)	17 (0.9) 295 (4.0)	19 (1.1) 293 (3.5) L
Science Classes Are Useful								
Strongly agree	27 (1.1)c 294 (3.2)c	27 (1.3)c 289 (2.7)c	24 (1.3)c 304 (2.8)	29 (1.1) 305 (3.5)	31 (1.0) 308 (2.6)	30 (1.3) 308 (2.6)	31 (1.4) 310 (2.3)	31 (1.0) 307 (2.3) L
Agree	53 (1.1) 293 (1.8)	59 (1.2)c 285 (2.4)c	56 (1.5) 292 (2.5)	54 (1.2) 288 (2.2)c	51 (1.0) 293 (2.1)	53 (1.6) 292 (2.0)	54 (1.4) 298 (2.2)	52 (1.0) 294 (1.6) LQ
No opinion	12 (0.7) 286 (3.4)	10 (0.7) 274 (4.5)	14 (1.3)c 277 (4.3)	12 (1.0) 269 (3.3)c	13 (0.9)c 269 (4.7)	11 (0.8) 274 (3.7)	10 (0.6) 277 (2.7)	10 (0.7) 281 (3.5) Q
Disagree	6 (0.5) 281 (4.7)	3 (0.5) 272 (7.3)	5 (0.6) 278 (4.2)	4 (0.4) 275 (5.3)	4 (0.4) 273 (5.4)	4 (0.8) 279 (7.0)	4 (0.5) 285 (6.4)	5 (0.6) 282 (4.9)
Strongly disagree	2 (0.3) **** (****)	1 (0.3) **** (****)	1 (0.3) **** (****)	1 (0.3) **** (****)	1 (0.2) **** (****)	1 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.3) **** (****) NA

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	1977	1982	1986	1990	1992	1994	1996	1999
Science Classes Unrelated to Real World								
Strongly agree	2 (0.3)c **** (****)	1 (0.2)c **** (****)	2 (0.4)c **** (****)	3 (0.4)c **** (****)	2 (0.6) **** (****)	3 (0.4)c **** (****)	3 (0.4) **** (****)	4 (0.5) 267 (4.5)
Agree	5 (0.4)c 281 (4.5)	6 (0.7) 274 (6.6)	8 (0.8) 286 (5.8)	7 (0.6) 264 (5.2)c	7 (0.6) 277 (4.7)	8 (0.8) 282 (4.3)	8 (0.6) 282 (4.4)	7 (0.6) 286 (4.9)
No opinion	8 (0.7)c 288 (4.0)	7 (1.0)c 273 (5.3)	13 (0.9) 282 (4.2)	13 (0.8) 274 (3.1)	14 (1.0) 276 (3.4)	13 (1.0) 279 (3.3)	13 (0.9) 283 (3.8)	15 (0.8) 282 (2.9) Q
Disagree	47 (0.9)c 291 (1.8)c	53 (1.2)c 285 (2.5)c	57 (1.1)c 293 (2.0)	52 (1.2) 289 (2.7)c	52 (1.2) 295 (2.3)	51 (1.3) 296 (2.2)	53 (1.3) 300 (2.2)	50 (1.0) 297 (1.6) L
Strongly disagree	38 (1.1)c 296 (2.7)c	32 (1.4)c 287 (2.7)c	20 (1.1) 301 (3.7)	25 (1.2) 307 (3.1)	24 (1.2) 308 (2.4)	25 (1.3) 305 (2.6)	23 (1.0) 311 (2.8)	23 (1.1) 310 (2.6) L
Science Should Be Required in School								
Strongly agree	20 (0.8)c 288 (3.5)c	25 (1.1)c 285 (4.1)c	22 (1.3)c 300 (3.3)	29 (1.3) 303 (3.4)	32 (1.2) 305 (2.9)	32 (1.7) 301 (3.2)	30 (1.0) 311 (2.3)	30 (1.2) 307 (2.6) L
Agree	42 (1.0)c 293 (2.0)	48 (1.3) 284 (2.2)c	47 (1.6) 293 (2.2)	46 (1.2) 289 (2.5)	44 (1.3) 294 (2.7)	46 (1.3) 296 (2.4)	46 (0.9) 295 (2.2)	46 (1.0) 295 (1.6) L
No opinion	17 (0.8)c 291 (3.9)	13 (0.9) 286 (2.9)	17 (1.3) 287 (4.0)	14 (0.9) 278 (3.0)	14 (0.9) 280 (3.3)	15 (1.0) 280 (3.4)	15 (1.1) 287 (2.8)	15 (1.0) 286 (2.9) Q
Disagree	13 (0.6)c 295 (2.9)c	10 (0.9)c 283 (4.8)	10 (0.9)c 282 (4.1)	9 (0.6)c 270 (4.4)	7 (0.7) 276 (4.4)	6 (0.6) 285 (4.5)	7 (0.6) 295 (4.4)	6 (0.7) 282 (5.0) Q
Strongly disagree	7 (0.7)c 286 (3.4)	4 (0.5) 277 (9.9)	3 (0.4) **** (****)	3 (0.3) **** (****)	3 (0.4) **** (****)	2 (0.4) **** (****)	2 (0.4) **** (****)	3 (0.5) **** (****) NA

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 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Science Classes Useful in Everyday Life								
Strongly agree	13 (0.9) 283 (4.8)	13 (0.9) 284 (4.9)	9 (0.8)c 288 (6.0)	13 (0.7) 293 (5.3)	12 (0.7) 294 (4.5)	13 (1.0) 296 (4.5)	12 (1.0) 300 (4.7)	12 (0.8) 295 (3.7) L
Agree	40 (0.9) 293 (2.4)c	45 (1.5) 284 (2.7)c	40 (1.6) 291 (2.8)c	40 (1.1) 292 (3.3)	41 (1.1) 299 (2.7)	43 (1.3) 297 (2.3)	44 (1.3) 299 (2.3)	41 (1.7) 300 (2.0) L
No opinion	19 (0.9)c 294 (2.9)	16 (1.0)c 284 (4.3)	23 (1.2) 292 (3.2)	23 (1.0) 284 (2.9)	23 (1.0) 285 (2.8)	21 (1.1) 288 (3.8)	22 (1.0) 293 (2.2)	23 (1.3) 291 (2.7) Q
Disagree	23 (1.1)c 294 (2.1)	22 (1.3)c 285 (3.6)c	25 (1.1)c 296 (3.2)	21 (1.0) 290 (2.5)c	21 (0.9) 295 (2.3)	20 (1.2) 295 (2.9)	19 (1.6) 301 (3.1)	19 (1.1) 300 (2.2) LQ
Strongly disagree	5 (0.4) 284 (4.2)	3 (0.5) 278 (10.0)	4 (0.5) 286 (7.9)	3 (0.5) 275 (4.8)	3 (0.4) 278 (7.1)	3 (0.4)c **** (****)	4 (0.5) **** (****)	5 (0.6) 275 (4.8)
Science Classes Will Be Useful in Future								
Strongly agree	21 (0.9) 292 (3.4)	23 (1.4)c 287 (3.7)c	18 (1.0) 291 (3.9)	21 (1.2) 299 (5.1)	22 (1.1)c 301 (2.9)	23 (1.1)c 300 (2.6)	21 (1.1) 306 (3.2)	19 (1.0) 302 (3.9) L
Agree	44 (1.1) 292 (2.1)c	50 (1.1)c 285 (2.8)c	48 (1.3) 295 (2.1)	45 (1.2) 292 (2.6)c	45 (1.1) 296 (2.6)	47 (1.0) 295 (2.4)	47 (0.9) 299 (2.1)	46 (1.6) 299 (1.7) L
No opinion	20 (1.0) 291 (3.0)	15 (1.3)c 280 (4.7)	20 (1.0) 286 (4.0)	22 (1.1) 279 (3.0)c	21 (1.0) 286 (2.9)	20 (1.2) 285 (3.6)	19 (1.1) 290 (3.1)	21 (1.3) 287 (2.4) Q
Disagree	13 (0.8) 291 (3.2)	10 (0.7) 282 (5.2)	11 (0.8) 294 (4.8)	9 (0.7) 285 (3.6)	9 (0.7) 287 (4.6)	8 (0.7)c 296 (4.1)	10 (0.7) 302 (5.7)	11 (0.9) 294 (2.9) L
Strongly disagree	3 (0.3) 281 (6.4)	2 (0.4)c **** (****)	3 (0.4) **** (****)	3 (0.4) **** (****)	2 (0.4) **** (****)	2 (0.4)c **** (****)	3 (0.5) **** (****)	3 (0.4) **** (****) NA

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L/l indicates a significant positive (L) or negative (l) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Scientists Should Experiment on People w/out Approval								
Always	0 (0.1)c **** (****)	1 (0.3)c **** (****)	1 (0.3)c **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****)	3 (0.5) **** (****)	2 (0.4) **** (****)	3 (0.5) **** (****) NA
Often	0 (0.1)c **** (****)	1 (0.3) **** (****)	2 (0.3) **** (****)	1 (0.2) **** (****)	1 (0.2)c **** (****)	1 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****) NA
Sometimes	7 (0.7)c 282 (3.8)	9 (0.6)c 269 (5.6)	4 (0.6) 279 (10.4)	4 (0.4) 285 (5.8)	3 (0.4) 274 (6.7)	4 (0.5) 290 (6.1)	4 (0.4) 281 (7.7)	5 (0.6) 284 (5.4)
Seldom	11 (0.9)c 298 (2.9)	13 (1.0)c 285 (3.7)c	8 (0.7) 294 (5.7)	8 (0.6) 291 (4.5)	6 (0.5)c 292 (6.6)	6 (0.7) 292 (6.8)	7 (0.6) 306 (5.6)	7 (0.5) 303 (4.2) LQ
Never	81 (1.1) 290 (1.8)c	75 (1.2)c 281 (1.8)c	85 (1.0) 294 (1.9)	85 (0.9) 290 (2.4)c	87 (0.8)c 296 (1.8)	85 (0.9) 296 (1.8)	86 (0.9)c 299 (1.6)	83 (0.9) 296 (1.3) L
Scientists Should Create Diseases for Warfare								
Always	2 (0.3)c **** (****)	4 (0.6) 264 (8.8)	4 (0.4) 268 (8.2)	3 (0.5) 263 (5.9)	4 (0.5) 268 (7.8)	4 (0.5) 277 (8.0)	3 (0.3) **** (****)	4 (0.5) 278 (5.3)
Often	1 (0.2)c **** (****)	4 (0.6) 249 (8.1)	3 (0.3) 265 (9.6)	2 (0.4)c **** (****)	2 (0.3) **** (****)	3 (0.5) 270 (7.3)	2 (0.3) **** (****)	3 (0.4) **** (****) NA
Sometimes	6 (0.5) 282 (4.7)	13 (0.6)c 270 (3.4)c	6 (0.6) 286 (6.1)	6 (0.5) 282 (5.7)	7 (0.6) 284 (6.4)	7 (0.8) 280 (4.4)c	6 (0.5) 284 (6.4)	6 (0.6) 297 (5.5) L
Seldom	10 (0.7) 292 (4.3)	19 (1.0)c 281 (3.3)c	10 (0.7) 285 (4.8)	9 (0.5)c 288 (5.3)	9 (0.5) 293 (3.8)	9 (0.6) 289 (5.1)	11 (0.8) 298 (3.9)	10 (0.7) 296 (3.1) L
Never	81 (1.1)c 291 (1.6)c	59 (1.4)c 285 (1.8)c	77 (1.2) 296 (2.0)	81 (0.9)c 292 (2.4)c	78 (1.0) 297 (1.9)	77 (1.2) 298 (2.0)	78 (1.0) 301 (1.8)	77 (1.2) 298 (1.5) L

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/1 indicates a significant positive (L) or negative (1) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Scientists Should Work on Secret Projects								
Always	8 (0.7)c 288 (4.1)c	14 (0.8)c 278 (4.3)c	13 (0.8) 288 (4.6)	11 (0.9) 294 (4.3)	10 (1.1) 286 (4.3)c	10 (0.8) 295 (4.5)	8 (0.9)c 301 (3.7)	11 (0.8) 300 (3.8) L
Often	13 (0.8)c 290 (3.3)c	23 (1.2)c 283 (3.3)c	17 (1.0)c 288 (3.0)c	13 (0.8)c 290 (4.5)	12 (0.9)c 292 (5.7)	11 (0.9) 294 (4.2)	10 (0.8) 301 (3.4)	9 (0.6) 301 (3.8) LQ
Sometimes	48 (1.2)c 292 (2.0)c	45 (1.1)c 281 (2.3)c	37 (1.2)c 299 (2.1)	36 (1.3)c 295 (2.9)	36 (1.4)c 298 (2.8)	31 (1.4) 298 (2.0)	33 (1.0) 303 (2.3)	31 (1.3) 299 (2.1) L
Seldom	21 (0.7) 291 (2.5)	13 (0.7)c 275 (3.5)c	17 (0.8)c 294 (3.9)	18 (0.8)c 290 (3.2)	20 (0.8)c 297 (2.7)	23 (0.9) 298 (3.9)	23 (0.9) 300 (2.5)	23 (1.0) 295 (2.9) L
Never	10 (0.5)c 284 (3.0)	5 (0.7)c 271 (5.8)c	15 (1.2)c 282 (4.0)	22 (1.2)c 278 (3.3)c	22 (1.3)c 287 (2.8)	25 (1.2) 286 (2.9)	25 (1.0) 289 (3.1)	26 (1.3) 289 (1.7) LQ
Scientists Should Control People's Actions								
Always	1 (0.3) **** (****)	3 (0.6) 238 (7.8)	1 (0.2) **** (****)	2 (0.4) **** (****)	3 (0.6) **** (****)	3 (0.5) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****) NA
Often	1 (0.2) **** (****)	4 (0.5)c 252 (7.2)	1 (0.3) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****)	2 (0.3) **** (****)	2 (0.4) **** (****)	2 (0.3) **** (****) NA
Sometimes	12 (0.7)c 288 (3.1)	12 (0.8)c 274 (3.8)c	9 (0.8) 285 (5.0)	7 (0.5) 287 (5.3)	8 (0.8) 284 (5.5)	9 (0.8) 292 (4.8)	10 (1.0) 291 (5.1)	7 (0.8) 293 (4.8) L
Seldom	16 (0.8)c 296 (3.4)	17 (1.1)c 287 (3.8)c	10 (1.2) 299 (5.0)	12 (0.9) 298 (4.0)	11 (0.7) 299 (4.8)	11 (1.0) 297 (4.0)	12 (0.8) 305 (3.6)	10 (0.8) 305 (3.7) L
Never	70 (0.9)c 290 (1.6)c	65 (1.3)c 282 (1.9)c	79 (1.5) 293 (2.0)	77 (1.1) 290 (2.4)c	76 (1.0) 296 (1.7)	76 (1.3) 296 (1.9)	75 (1.1)c 300 (1.8)	79 (1.0) 296 (1.5) L

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(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

	1977	1982	1986	1990	1992	1994	1996	1999
Subject Studied by Race/Ethnicity								
Gen Sci/White	-----(-)	-----(-)	83 (1.6)c	84 (1.4)c	86 (1.0)c	84 (1.5)c	86 (2.0)	90 (1.2)
	-----(-)	-----(-)	297 (1.5)c	300 (1.1)c	304 (1.3)	306 (1.7)	306 (1.4)	306 (1.5) L
Gen Sci/Black	-----(-)	-----(-)	83 (2.6)	76 (3.1)	78 (3.6)	80 (1.9)	78 (1.9)	81 (2.5)
	-----(-)	-----(-)	257 (2.8)	257 (4.5)	259 (3.9)	259 (3.3)	264 (2.5)	260 (3.0)
Gen Sci/Hispanic	-----(-)	-----(-)	82 (3.5)	81 (4.4)	79 (3.2)	77 (2.4)	84 (2.8)	82 (3.9)
	-----(-)	-----(-)	264 (4.5)c	266 (4.8)c	274 (5.4)	268 (5.1)	274 (2.9)	280 (4.5) L
Biology/White	-----(-)	-----(-)	89 (1.1)c	90 (0.9)c	93 (1.0)	94 (0.9)	95 (0.8)	94 (0.6)
	-----(-)	-----(-)	301 (1.8)c	304 (1.0)c	308 (1.1)	310 (1.3)	309 (1.3)	308 (1.4) Lq
Biology/Black	-----(-)	-----(-)	84 (2.7)c	87 (2.2)	92 (1.9)	93 (1.8)	94 (1.6)	91 (1.6)
	-----(-)	-----(-)	260 (3.1)	260 (4.6)	260 (3.1)	263 (2.7)	266 (2.3)	260 (2.9)
Biology/Hispanic	-----(-)	-----(-)	84 (3.4)	79 (4.4)	87 (4.1)	84 (3.4)	87 (3.8)	88 (3.9)
	-----(-)	-----(-)	265 (3.7)c	270 (5.0)c	276 (4.5)	273 (6.1)	276 (2.6)	282 (3.7) L
Chemistry/White	-----(-)	-----(-)	43 (1.8)c	46 (1.7)c	52 (1.8)c	54 (2.5)	58 (1.9)	59 (2.0)
	-----(-)	-----(-)	317 (2.2)	324 (1.3)c	325 (1.3)c	324 (1.7)	323 (1.9)	320 (1.3) q
Chemistry/Black	-----(-)	-----(-)	29 (2.6)c	46 (4.0)	36 (3.2)c	51 (3.6)	49 (3.0)	52 (3.0)
	-----(-)	-----(-)	275 (6.4)	280 (7.3)	282 (3.6)c	278 (3.4)	284 (3.8)c	271 (3.4)
Chemistry/Hispanic	-----(-)	-----(-)	24 (2.2)c	31 (4.3)c	36 (5.6)	41 (3.0)	46 (3.6)	42 (3.0)
	-----(-)	-----(-)	281 (8.7)	294 (6.0)	298 (4.1)	288 (6.3)	293 (3.8)	300 (5.3)
Physics/White	-----(-)	-----(-)	10 (0.8)c	13 (1.7)	13 (1.2)	18 (1.4)	12 (1.3)	16 (1.7)
	-----(-)	-----(-)	316 (4.4)	317 (2.6)	319 (3.5)	326 (3.2)	323 (4.4)	323 (2.7)
Physics/Black	-----(-)	-----(-)	18 (3.5)	15 (2.7)	14 (1.9)	15 (2.0)	19 (1.6)	17 (3.3)
	-----(-)	-----(-)	239 (5.4)c	263 (11.8)	**** (****)	268 (7.5)	270 (4.3)	268 (6.2) L
Physics/Hispanic	-----(-)	-----(-)	13 (2.8)	17 (4.5)	13 (2.3)	18 (2.9)	16 (2.7)	14 (1.9)
	-----(-)	-----(-)	**** (****)	**** (****)	**** (****)	**** (****)	**** (****)	**** (****) NA

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NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics and their standard errors.

(****) Standard error estimates cannot be accurately determined.

****(****) Sample size is insufficient to permit a reliable estimate.

-----(-) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Subject Studied by Gender								
Gen Sci/Male	-----(-)	-----(-)	84 (1.5)c	84 (1.3)c	86 (1.1)	84 (1.5)c	85 (1.6)	88 (1.2)
	-----(-)	-----(-)	298 (1.7)c	298 (1.4)c	301 (1.6)	302 (2.2)	301 (1.7)	303 (1.9) L
Gen Sci/Female								
	-----(-)	-----(-)	82 (1.6)c	81 (1.7)c	83 (1.5)c	82 (1.4)c	84 (1.8)	88 (1.5)
	-----(-)	-----(-)	283 (1.6)c	286 (1.4)c	290 (1.5)	290 (1.8)	293 (1.3)	293 (1.6) L
Biology/Male								
	-----(-)	-----(-)	87 (1.1)c	87 (1.1)c	91 (1.2)	92 (0.9)	92 (1.2)	92 (0.9)
	-----(-)	-----(-)	301 (1.8)c	302 (1.3)	305 (1.5)	306 (1.8)	305 (1.8)	306 (1.8) L
Biology/Female								
	-----(-)	-----(-)	88 (1.1)c	91 (1.0)c	93 (1.0)	93 (1.0)	95 (0.7)	95 (0.7)
	-----(-)	-----(-)	287 (1.7)c	290 (1.5)	293 (1.4)	294 (1.3)	295 (1.5)	294 (1.5) L
Chemistry/Male								
	-----(-)	-----(-)	42 (1.8)c	45 (1.7)c	47 (1.9)c	50 (2.6)	53 (2.2)	55 (2.1)
	-----(-)	-----(-)	319 (2.7)	324 (1.9)	325 (1.5)c	322 (2.4)	322 (2.7)	320 (1.9) q
Chemistry/Female								
	-----(-)	-----(-)	39 (2.1)c	45 (1.7)c	51 (2.0)c	55 (2.3)	58 (1.7)	60 (1.8)
	-----(-)	-----(-)	304 (2.2)	309 (1.7)	312 (1.5)c	309 (1.9)	310 (2.1)	306 (1.7) q
Physics/Male								
	-----(-)	-----(-)	14 (1.3)	16 (1.8)	15 (1.0)	20 (1.5)	16 (1.3)	18 (1.9)
	-----(-)	-----(-)	305 (6.8)	311 (4.3)	310 (4.7)	317 (4.1)	311 (3.7)	321 (4.0)
Physics/Female								
	-----(-)	-----(-)	8 (0.7)c	13 (1.5)	12 (1.5)	16 (1.3)	12 (1.0)c	16 (1.3)
	-----(-)	-----(-)	282 (3.8)c	295 (4.2)c	302 (4.1)	310 (3.3)	306 (4.0)	308 (2.9) Lq
Highest Science Course Taken								
Physics								
	-----(-)	-----(-)	10 (0.8)c	13 (1.4)	13 (0.9)	16 (1.1)	13 (0.9)	15 (1.4)
	-----(-)	-----(-)	296 (4.7)c	303 (3.7)c	306 (3.9)	314 (2.9)	309 (3.0)	314 (2.7) L
Chemistry								
	-----(-)	-----(-)	31 (1.5)c	33 (1.2)c	38 (1.5)	38 (1.6)	42 (1.2)	41 (1.3)
	-----(-)	-----(-)	311 (2.0)	315 (1.5)c	317 (1.0)c	312 (1.7)	314 (2.1)	309 (1.5) q
Biology								
	-----(-)	-----(-)	45 (1.9)c	41 (1.6)c	40 (1.2)c	36 (1.4)	36 (1.5)	34 (1.6)
	-----(-)	-----(-)	280 (1.3)	277 (1.1)	278 (1.8)	281 (1.7)	279 (1.9)	281 (1.6)
General Science								
	-----(-)	-----(-)	9 (0.9)c	8 (0.8)c	6 (0.8)	5 (0.6)	5 (0.6)	5 (0.5)
	-----(-)	-----(-)	272 (2.7)	265 (2.7)	258 (2.7)	254 (4.1)c	267 (5.1)	267 (4.0) Q
None								
	-----(-)	-----(-)	5 (0.6)	5 (0.6)	3 (0.5)c	6 (0.6)	5 (0.9)	5 (0.7)
	-----(-)	-----(-)	242 (4.7)	237 (3.9)c	246 (5.5)	242 (4.7)	256 (7.3)	256 (6.3) L

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	1977	1982	1986	1990	1992	1994	1996	1999
Highest Science Course Males Have Taken								
Physics	-----(- - -)	-----(- - -)	12 (1.1)	14 (1.6)	14 (0.9)	17 (1.4)	14 (1.1)	15 (1.7)
	-----(- - -)	-----(- - -)	305 (6.8)	311 (4.3)	310 (4.7)	317 (4.1)	311 (3.7)	321 (4.0)
Chemistry	-----(- - -)	-----(- - -)	30 (1.6)c	32 (1.3)c	35 (1.7)	34 (2.0)	38 (1.5)	37 (1.5)
	-----(- - -)	-----(- - -)	319 (2.4)	323 (2.3)c	324 (1.7)c	319 (2.6)	321 (2.9)	316 (2.0) q
Biology	-----(- - -)	-----(- - -)	43 (2.0)c	39 (2.0)	41 (1.5)c	37 (1.9)	36 (1.9)	34 (1.7)
	-----(- - -)	-----(- - -)	285 (2.0)	282 (1.9)c	284 (2.3)	287 (1.9)	284 (1.9)	288 (1.8)
General Science	-----(- - -)	-----(- - -)	9 (1.0)c	9 (0.8)c	6 (0.9)	5 (0.6)	5 (0.9)	6 (0.5)
	-----(- - -)	-----(- - -)	281 (4.7)	271 (3.9)	261 (4.2)	262 (7.5)	273 (6.2)	271 (4.9) Q
None	-----(- - -)	-----(- - -)	6 (0.7)	6 (0.6)	4 (0.7)c	6 (0.7)	6 (1.0)	7 (1.0)
	-----(- - -)	-----(- - -)	247 (6.2)	243 (4.2)c	253 (6.2)	245 (5.8)	260 (7.3)	260 (6.5)
Highest Science Course Females Have Taken								
Physics	-----(- - -)	-----(- - -)	8 (0.7)c	12 (1.4)	11 (1.4)	14 (1.2)	11 (0.9)c	14 (1.2)
	-----(- - -)	-----(- - -)	282 (3.8)c	295 (4.2)c	302 (4.1)	310 (3.3)	306 (4.0)	308 (2.9) Lq
Chemistry	-----(- - -)	-----(- - -)	32 (1.9)c	35 (1.3)c	41 (1.8)	41 (1.9)	46 (1.5)	45 (1.5)
	-----(- - -)	-----(- - -)	303 (2.4)	309 (1.6)c	310 (1.4)c	305 (1.9)	309 (2.3)	303 (1.9) q
Biology	-----(- - -)	-----(- - -)	48 (2.3)c	43 (1.7)c	40 (1.8)c	34 (1.4)	35 (1.6)	33 (1.7)
	-----(- - -)	-----(- - -)	276 (1.9)	273 (1.7)	272 (2.2)	273 (2.2)	274 (2.5)	274 (1.9)
General Science	-----(- - -)	-----(- - -)	9 (1.0)c	7 (0.8)c	5 (0.9)	5 (0.8)	4 (0.6)	4 (0.5)
	-----(- - -)	-----(- - -)	263 (2.7)	257 (4.1)	255 (4.1)	246 (4.7)c	260 (7.2)	261 (5.5) Q
None	-----(- - -)	-----(- - -)	4 (0.6)	4 (0.8)	3 (0.6)	5 (0.8)	4 (0.9)	4 (0.7)
	-----(- - -)	-----(- - -)	236 (5.5)	229 (6.3)	**** (****)	240 (6.7)	252 (9.2)	249 (8.4) L

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	1977	1982	1986	1990	1992	1994	1996	1999
Highest Science Course Whites Have Taken								
Physics	-----(- - -)	-----(- - -)	9 (0.7)c	12 (1.5)	12 (1.1)	17 (1.3)	11 (1.1)	15 (1.6)
	-----(- - -)	-----(- - -)	316 (4.4)	317 (2.6)	319 (3.5)	326 (3.2)	323 (4.4)	323 (2.7)
Chemistry	-----(- - -)	-----(- - -)	34 (1.8)c	35 (1.2)c	41 (1.5)	39 (1.9)	46 (1.6)	44 (1.6)
	-----(- - -)	-----(- - -)	315 (2.2)	323 (1.4)c	323 (1.3)c	320 (1.6)	321 (2.0)	318 (1.6) q
Biology	-----(- - -)	-----(- - -)	46 (2.3)c	43 (1.8)c	39 (1.4)	36 (1.7)	36 (1.8)	34 (1.8)
	-----(- - -)	-----(- - -)	287 (1.5)	286 (1.0)	287 (1.7)	290 (1.5)	289 (1.7)	290 (1.9)
General Science	-----(- - -)	-----(- - -)	9 (1.0)c	7 (0.8)c	5 (0.9)	5 (0.7)	4 (0.6)	4 (0.3)
	-----(- - -)	-----(- - -)	280 (2.0)	275 (3.4)	266 (3.6)	265 (4.2)	277 (7.2)	276 (4.9) Q
None	-----(- - -)	-----(- - -)	3 (0.4)	3 (0.4)	2 (0.5)	3 (0.5)	3 (0.8)	3 (0.8)
	-----(- - -)	-----(- - -)	259 (5.7)c	255 (5.6)c	264 (8.2)	265 (6.3)	285 (8.6)	284 (9.4) L
Highest Science Course Blacks Have Taken								
Physics	-----(- - -)	-----(- - -)	15 (2.8)	13 (2.3)	12 (1.7)	13 (1.7)	16 (1.5)	14 (2.7)
	-----(- - -)	-----(- - -)	239 (5.4)c	263 (11.8)	**** (****)	268 (7.5)	270 (4.3)	268 (6.2) L
Chemistry	-----(- - -)	-----(- - -)	20 (1.9)c	31 (3.0)	27 (2.8)c	34 (2.4)	33 (2.3)	35 (2.6)
	-----(- - -)	-----(- - -)	281 (5.2)c	281 (7.2)	282 (4.1)c	276 (3.7)	283 (4.3)c	269 (3.2)
Biology	-----(- - -)	-----(- - -)	42 (2.5)c	39 (2.8)	48 (3.1)c	37 (2.9)	38 (2.8)	33 (2.7)
	-----(- - -)	-----(- - -)	254 (3.4)	240 (3.4)	250 (3.9)	249 (3.4)	247 (3.0)	246 (3.5)
General Science	-----(- - -)	-----(- - -)	10 (2.0)	8 (1.4)	5 (1.4)	5 (1.5)	4 (1.0)	6 (1.2)
	-----(- - -)	-----(- - -)	241 (8.0)	**** (****)	**** (****)	**** (****)	**** (****)	**** (****) NA
None	-----(- - -)	-----(- - -)	14 (1.8)	9 (1.9)	7 (1.5)	11 (1.6)	10 (2.3)	11 (1.5)
	-----(- - -)	-----(- - -)	231 (6.1)	**** (****)	**** (****)	230 (6.2)	**** (****)	228 (5.8)

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(****) Standard error estimates cannot be accurately determined.

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-----(- - -) Data are unavailable for this assessment year.

	1977	1982	1986	1990	1992	1994	1996	1999
Highest Science Course Hispanic Have Taken								
Physics	-----(- - -)	-----(- - -)	11 (2.6)	14 (3.7)	12 (2.0)	14 (2.1)	13 (2.1)	11 (1.6)
	-----(- - -)	-----(- - -)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****) NA
Chemistry	-----(- - -)	-----(- - -)	16 (1.9)c	23 (3.6)	25 (4.2)	28 (3.8)	30 (2.5)	28 (2.6)
	-----(- - -)	-----(- - -)	*****(*****)	*****(*****)	296 (4.9)	288 (6.5)	291 (3.9)	293 (5.0)
Biology	-----(- - -)	-----(- - -)	53 (3.5)c	37 (4.0)	46 (3.9)	33 (2.6)	34 (3.3)	37 (5.4)
	-----(- - -)	-----(- - -)	259 (4.5)	259 (4.6)	264 (4.8)	260 (7.9)	261 (5.0)	266 (4.5)
General Science	-----(- - -)	-----(- - -)	10 (2.0)	12 (3.2)	9 (3.4)	10 (2.1)	9 (3.0)	10 (2.6)
	-----(- - -)	-----(- - -)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****) NA
None	-----(- - -)	-----(- - -)	9 (3.8)	13 (4.3)	8 (2.2)	15 (3.7)	14 (3.7)	13 (3.9)
	-----(- - -)	-----(- - -)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****)	*****(*****) NA
Between-Group Differences								
White-Black	72 (1.7)c	68 (2.4)c	63 (0.6)c	58 (0.6)	60 (0.6)c	56 (0.6)	56 (0.7)	57 (0.6)
	57 (1.7)	58 (2.0)	45 (3.3)	48 (4.6)	48 (3.5)	49 (3.5)	47 (2.7)	52 (3.2) 1Q
White-Hispanic	80 (1.6)c	76 (2.3)c	72 (0.6)c	66 (0.6)c	67 (0.7)c	63 (0.7)	62 (1.0)	62 (0.7)
	35 (2.3)	44 (2.5)c	38 (4.1)	39 (4.5)	34 (5.8)	45 (6.9)	38 (3.5)	30 (4.4)
Male-Female	-1 (0.9)	-3 (0.9)	-2 (1.7)	-3 (1.2)	1 (1.7)c	-1 (1.9)	-1 (1.7)	-3 (1.3)
	15 (1.6)	17 (1.9)c	13 (2.4)	10 (2.1)	10 (2.2)	11 (2.6)	8 (2.1)	10 (2.2) 1

c This value is significantly different from the value for 1999 at about the 95 percent certainty level.

L/Q indicates a significant positive (L) or negative (Q) linear trend; Q/q indicates a positive (Q) or negative (q) quadratic trend;
 NA means trends were not tested because there were fewer than five trend points with sufficient sample size to estimate the statistics
 and their standard errors.

(*****) Standard error estimates cannot be accurately determined.

*****(*****) Sample size is insufficient to permit a reliable estimate.

-----(- - -) Data are unavailable for this assessment year.